

ATTORNEYS AT LAW

nald J. Featherstone othy J. Shea, Jr. Thael V. Messinger rk Fox Evens frey T. Helvey lora L. Ellison nald R. Banowit

Holoubel November 12, 2009

Alyssa K. Sandrowitz Jonathan M. Strang Ishan P. Weerakoon 

egistered Patent Agents

aren R. Markowicz

Attn: Mail Stop Amendment

Cynthia L. DeRenzo Omar F. Amin R. Wilson Powers III Erin C. Wong Joseph E. Mutschelknaus

WRITER'S DIRECT NUMBER: (202) 772-8822 INTERNET ADDRESS: SCARROLL@SKGF.COM Art Unit 1632

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 10/561,780; § 371 Date: July 2, 2007

Tissue Modeling In Embryonic Stem (ES) Cell System

Inventors: KOLOSSOV et al. Our Ref: 2590.0030002/EJH/SAC

Dear Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Amendment and Reply Under 37 C.F.R. § 1.111;
- Three (3) sheets of Replacement Drawings (Figures 2A, 2B, and 4); and
- 3. Two (2) sheets of Annotated Drawings (showing changes) (Figures 2A and 2B).

The above-listed documents are being filed electronically through EFS-Web.

In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Shannon A. Carroll, Ph.D. Attorney for Applicants Registration No. 58,240

SAC/rjv Enclosure(s)

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Sterne, Kessler, Goldstein & Fox PLLC.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skqf.com